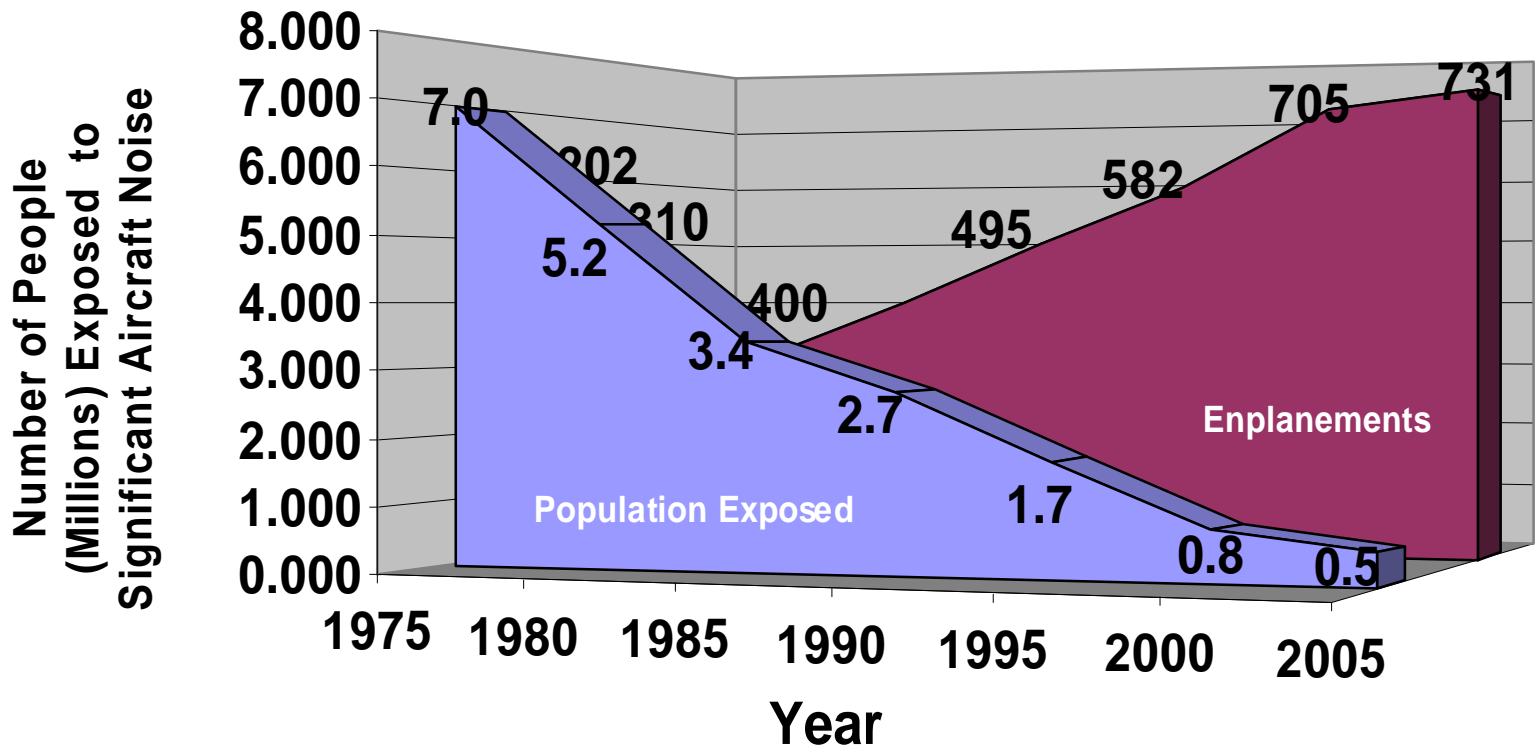


# Dan Elwell

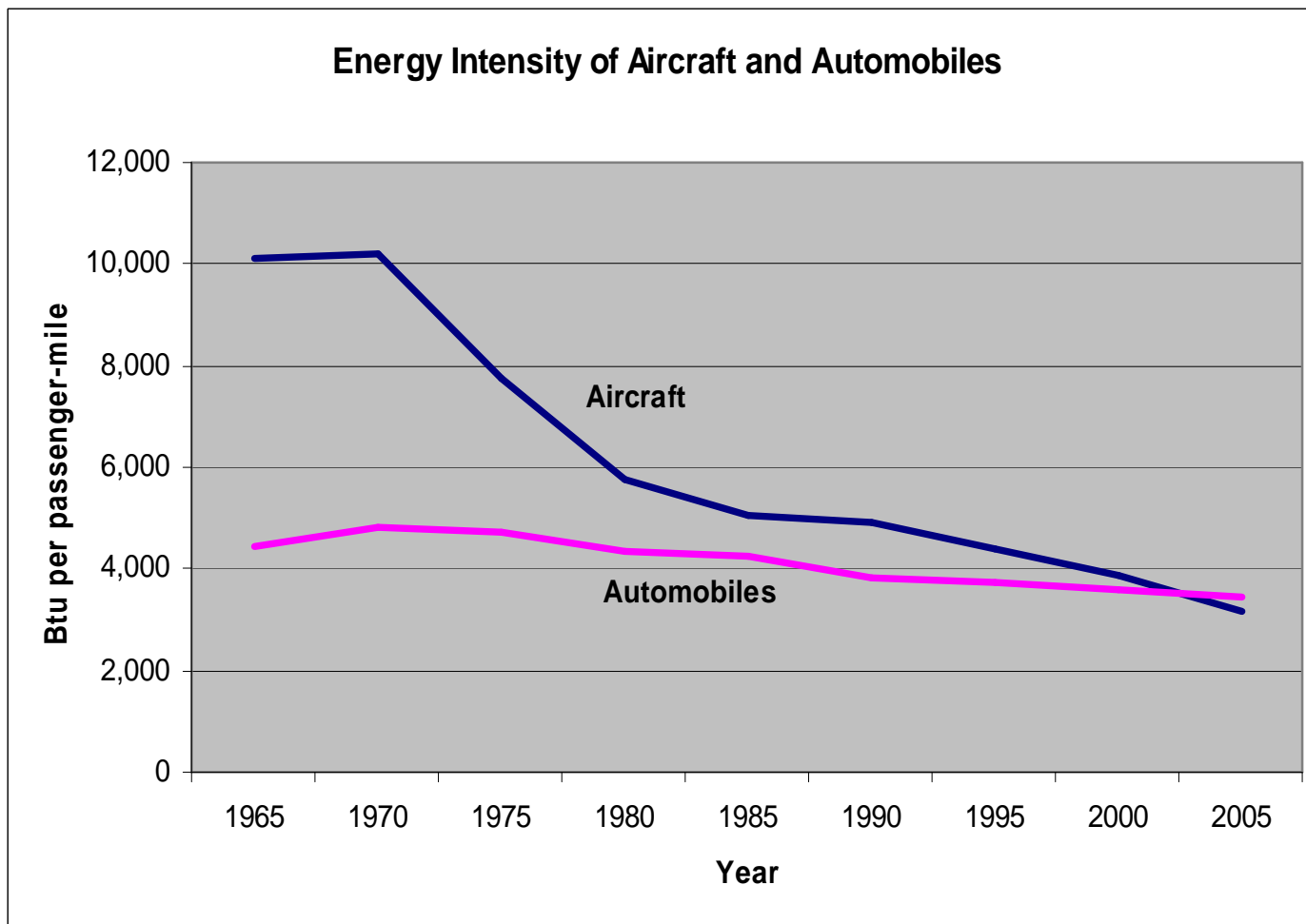
Assistant Administrator for Aviation Policy, Planning and Environment

FAA

## Trends in Aircraft Noise Exposure and Capacity Expansion



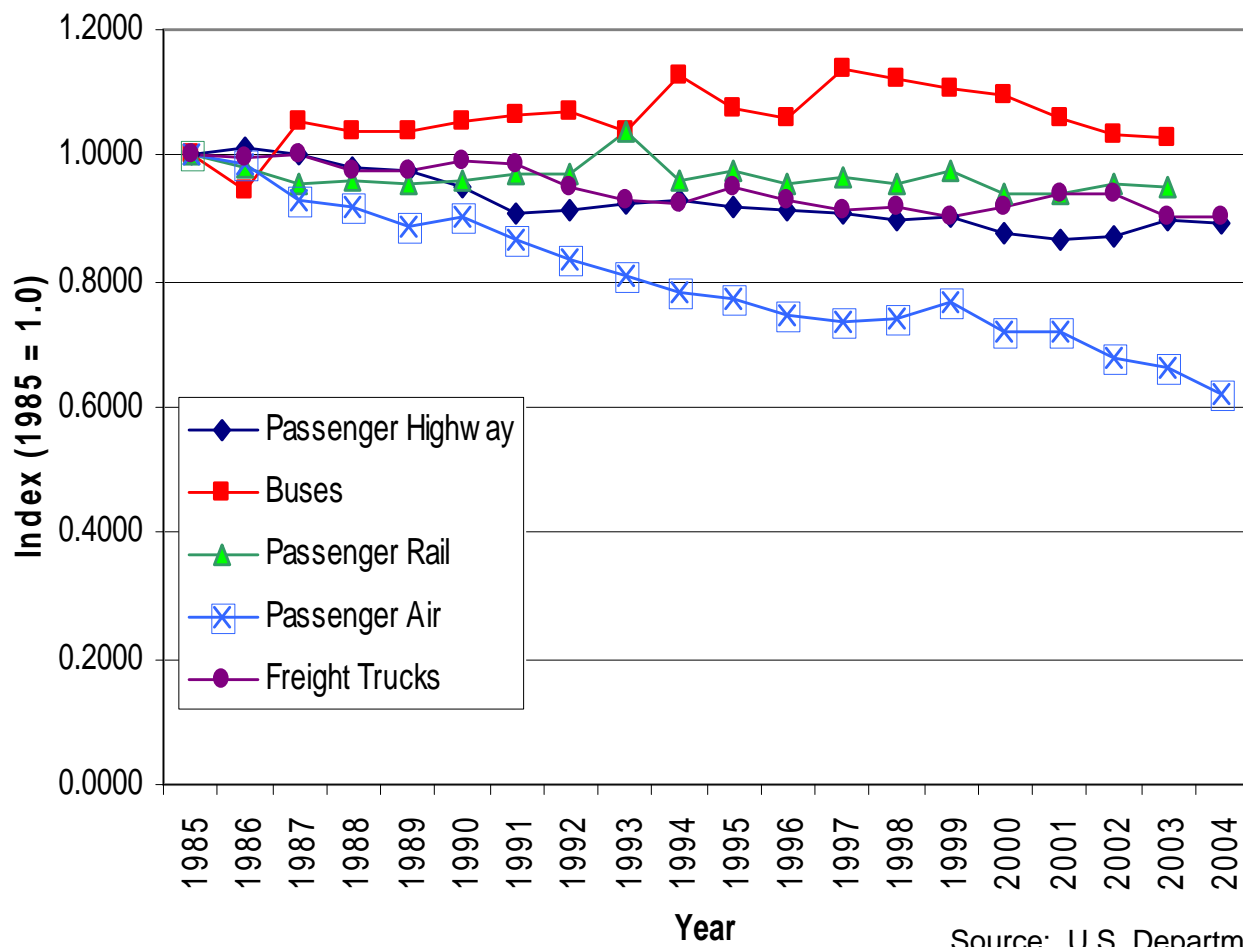
# U.S. Commercial Aircraft and Automobiles



Source: U.S. Department of Transportation, Bureau of Transportation Statistics, *National Transportation Statistics 2007*, Table 4-20: Energy Intensity of Passenger Modes



# Trends In Energy Intensity by Transportation Mode

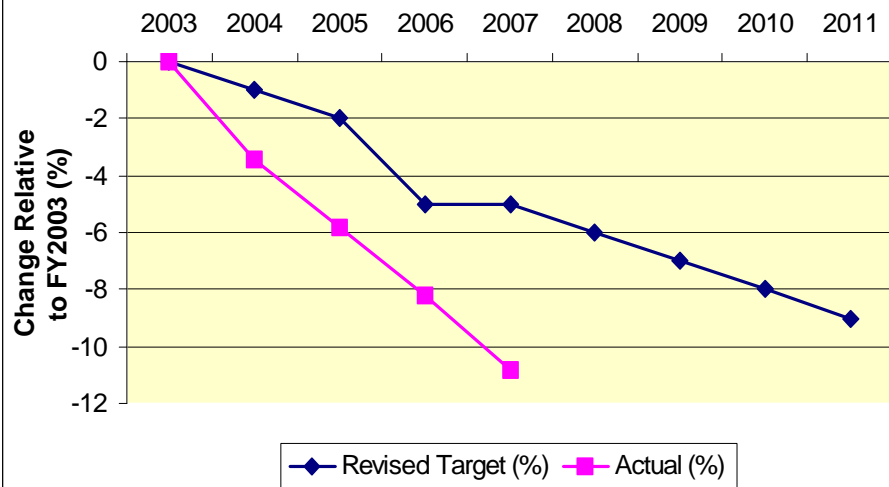


Source: U.S. Department of Energy, U.S. Energy Intensity indicators. (intensityindicators.pnl.gov)



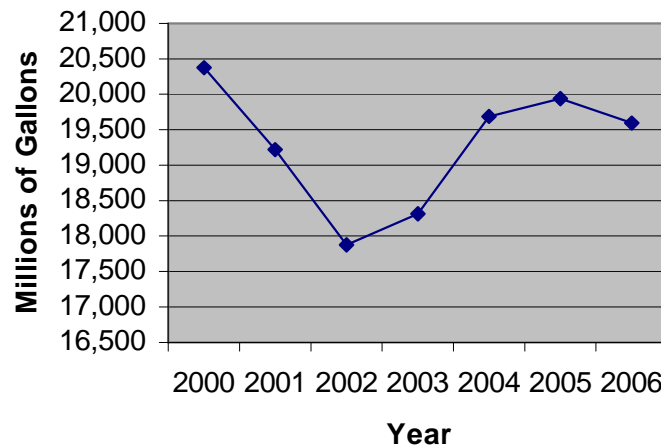
# US Aviation Emissions Growth Down

## Aviation Fuel Efficiency Actual vs Target



Source: FAA

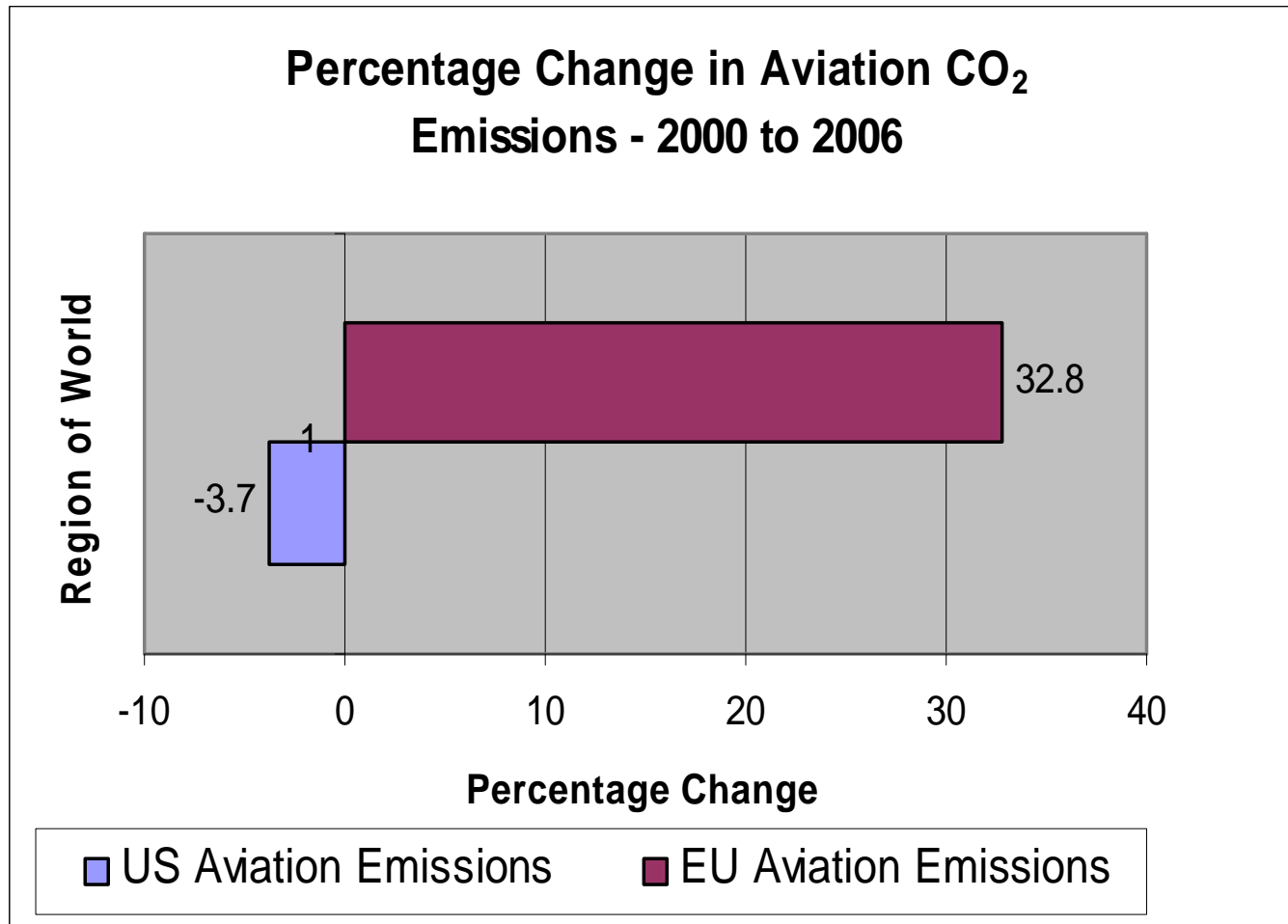
## US Commercial Aviation Fuel Consumption



Source: U.S. DOT, BTS



# Differences in Fuel Burn/CO2 Performance



Source: Volpe. (Note: For EU-15)

